

Amendments to the Drawings:

The attached sheets of drawings include changes to Figures 1, 7, 9, 10 and 13. These sheets, which include Figures 1, 7, 9, 10 and 13, replace the original sheets including Figures 1, 7, 9, 10 and 13. In Figure 1, previously omitted element has been added and arrows on dotted lines have been added. In Figure 7, the text on element 720 has been amended. In Figures 9 and 10, the word "DESERT" has been changed to "DESSERT". In Figure 13, a check mark has been added under the terms "Use Lookup."

Attachment: Replacement Sheets
 Annotated Sheets Showing Changes

REMARKS

Claims 1-49 are pending. Claims 1-4, 6-7, 15-16, 18-19, 22, 24-30 and 32 are amended by this Amendment. Claims 8-13, 17, 20 and 21 are canceled. New claims 33-49 are added. No new matter is added.

With regard to the rejection under 35 U.S.C. 103(a) of claims 1, 2, 4, 6-13, 16-22, 24-26 and 28-32 as being unpatentable over US Patent Application Publication No. US 2002/0065671 to Goerz, Jr. et al. (Goerz) in view of Teach Yourself XML, Sandra E. Eddy, IDG Books Worldwide, Inc., Foster City, CA 1999 (Eddy), Applicants respectfully disagree with the rejection and with the comments supporting the rejection on pages 2-7 of the Office Action.

Neither Eddy nor Goerz (alone or in combination) disclose, let alone teach, the steps of independent claims 1 and 28. For example, neither reference discloses the step of retrieving. More specifically, neither Goerz nor Eddy discloses retrieving the link relationships using a unique identifier for a document object.

The Office Action cites Goerz as the primary reference in this 103(a) rejection. The Office Action apparently cites Goerz for disclosing an indexed and searchable database. *See* Technical Field of Goerz. The Office Action specifically cites paragraph [0071] of Goerz stating that it "discloses creating one or more link directories for storing link relationships between document objects located on the network." See page 2 of the Office Action Response. The Examiner also cites paragraphs [0005 - 0007] of Goerz stating they disclose "enabling users of the network to create link relationships between a first document object located on the network and a second document object located on the network." The relevant paragraphs are:

[0071] FIG. 7 is similar to FIG. 6, and is an overview of the super category relating to Operating Region 30, which is another dimension of indexed knowledge base 38. In this embodiment, Operating Region 30 has sub-categories 66A-n providing a navigated search for project related information about different regions. For example, the customer/user 15A-n could search for URLs relating to any number of regions 66A-n, including but not limited to, Asia, North America, South America, Africa, Europe, and the like. A further refined sub-category of the super category Operating Region 30 includes project related resources for a particular project in that region. For example, assuming Asia is Region A 66A, a navigated search requesting project related information for an electric power plant in Asia may return a group of pertinent URLs 40 that include Internet resources and links 68A with country information for Japan, India, China, Thailand, and Singapore, among others.

[0005] The Internet is a super network linking computer and server resources around the world, thereby allowing people to communicate and share information. Generally, this information is assembled and accessible on Websites identified with a specific Internet address. More Websites are introduced to the Internet everyday. These Websites include information covering a wide range of interests, topic, and needs. Accordingly, to be useful, users need tools to sort through this wide range of information, directing their visits to these Websites to those containing specific information.

[0006] Internet search engines such as Yahoo.TM., Google.TM., Excite.TM., SurfWax.TM., and Lycos.TM., among others, allow users to search for specific information, service, or resource. Typically, these Internet search engines are Websites that include an entry Web page with a form field to accept search terms, and are referred to as "browsers." Typical browsers receive a "keyword" or "keywords" descriptive of the interest, topic, or need for which a user is seeking information or services. The browser's associated Website includes a database of URLs and URL information allowing it to search for any incident of the keyword(s), ultimately returning a list of URLs or Websites that may fulfill the user's needs. From here, the user must wade through the list of Websites, visiting each to determine which, if any, contain the desired information. Some browsers assist users by running various ranking algorithms, organizing Websites in a likely order of relevance. However, these browser Websites generally make no attempt to analyze the Website's actual content.

[0007] Also, most browsers make no attempt to discriminate between the needs of different types of users. For example, none of the above listed browsers discriminate between individual users and business users. The type of information sought by a project oriented business user is likely to be different from the type of information sought by an individual.

Paragraph 0071 nor paragraphs 0005-0007 disclose retrieving the link relationships using a unique identifier for a document object.

The office action also refers to Goerz paragraphs 0041 and 0058 set forth below. Neither of those paragraphs disclose retrieving the link relationships using a unique identifier for a document object.

[0041] FIG. 2 is a Website overview showing system 200, which is constructed in accordance with an embodiment of the present invention. In this embodiment, Internet appliance(s) 16A-n send(s) an instruction 24 to initiate a search of indexed knowledge base 38. Indexed knowledge base 38 is a multi-dimensional database that may be constructed using any of a number of dimensions. Instruction 24 can be processed in at least two ways. First, instruction 24 can be processed as a request to navigate 26 through the indexed knowledge base 38.

When instruction 24 is processed as a request to navigate 26, the customer/user 15A-n is launched into screen 28, which displays a group of predetermined navigable super categories. The super categories are entry points into the indexed knowledge base 38, and may be dimensions of the indexed knowledge base.

[0058] FIG. 2A is a Website overview showing an alternate embodiment of system 200. In this embodiment of system 200, a customer/user 15A-n may elect a route to navigate through knowledge base 26 as above described. In doing so, he or she may select any of the proffered navigable super categories displayed on a screen 28. Alternatively, the customer/user may choose to perform a keyword search 42. In this embodiment, a keyword search may be made after navigating through the super category of Project Life Cycle 37. In its broadest terms, a Project Life Cycle is a comprehensive management system for managing the process of completing a project. A Project Life Cycle has different phases, each requiring a different set of resources. Instituting a Project Life Cycle phase before a keyword search ensures that the URLs returned in the group of pertinent URLs 40 will be relevant to the project and to the specified phase of the project. Alternatively, the customer/user 15A-n may be offered a choice of where to do a keyword search, if at all, and a choice whether to limit the keyword search the URL's 22 in the group of URLs 40 or to search the entire Internet.

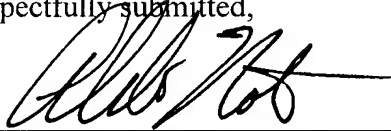
As the secondary reference, the Examiner points to a code listing on page 311 of Eddy, specifically code listing 21-10. This code listing does not disclose retrieving the link relationships using a unique identifier for a document object.

Claims 3, 5, 14, 15, 23 and 27 were rejected under 35 U.S.C. 103(a) as being unpatentable over Goerz, Eddy and in further view of U.S. Patent No. 6,009,410 to LeMole et al ("LeMole"). While these claims are allowable for the reasons stated above with reference to the independent claim 1 above, they are also allowable for the independently patentable elements they claim.

CONCLUSION

In view of the above remarks, Applicants respectfully assert that the application is in condition for allowance. Prompt examination and allowance of the pending claims is respectfully requested. Applicants respectfully request that a timely Notice of Allowance be issued in this case.

Respectfully submitted,



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Attachments

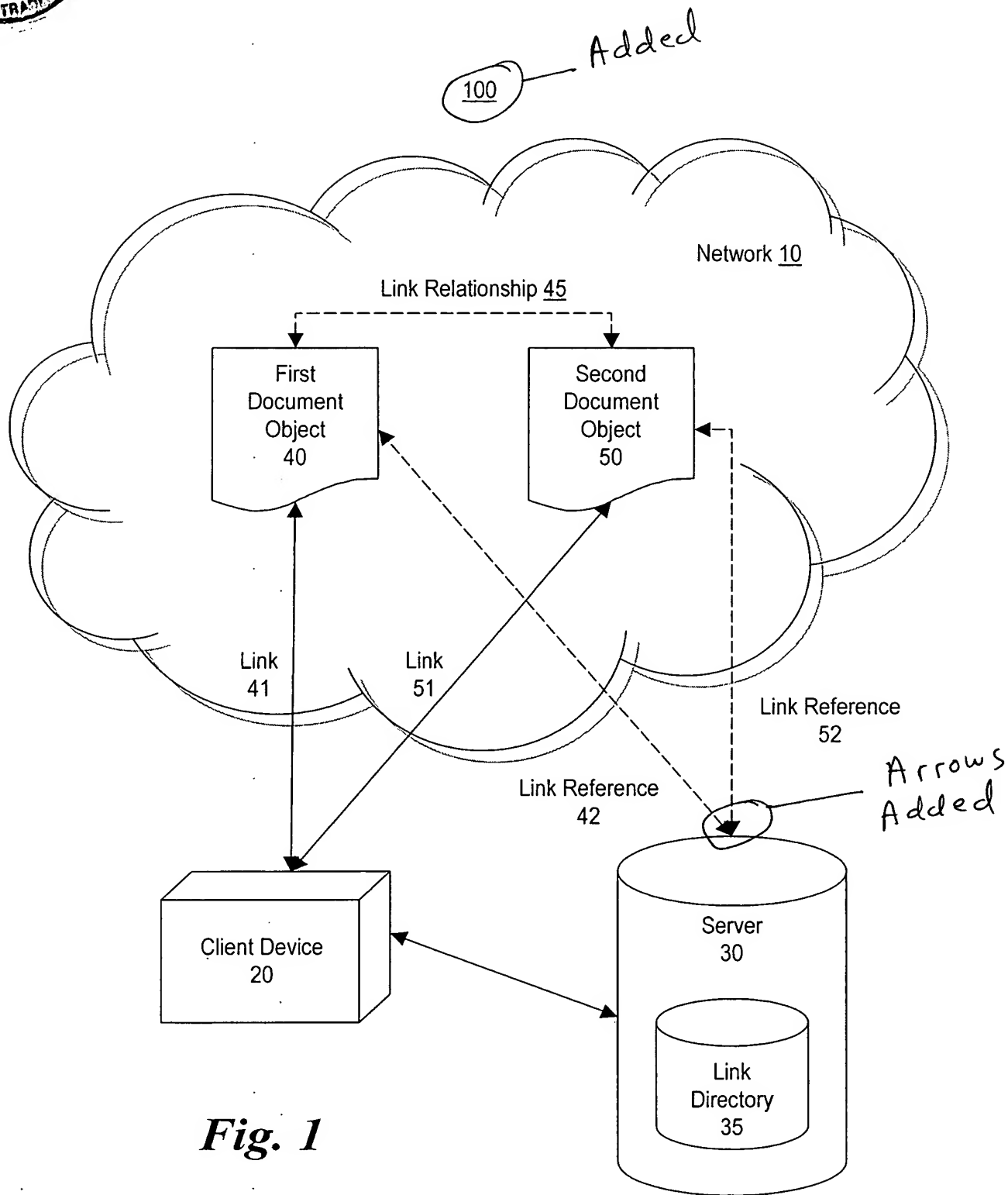


Fig. 1

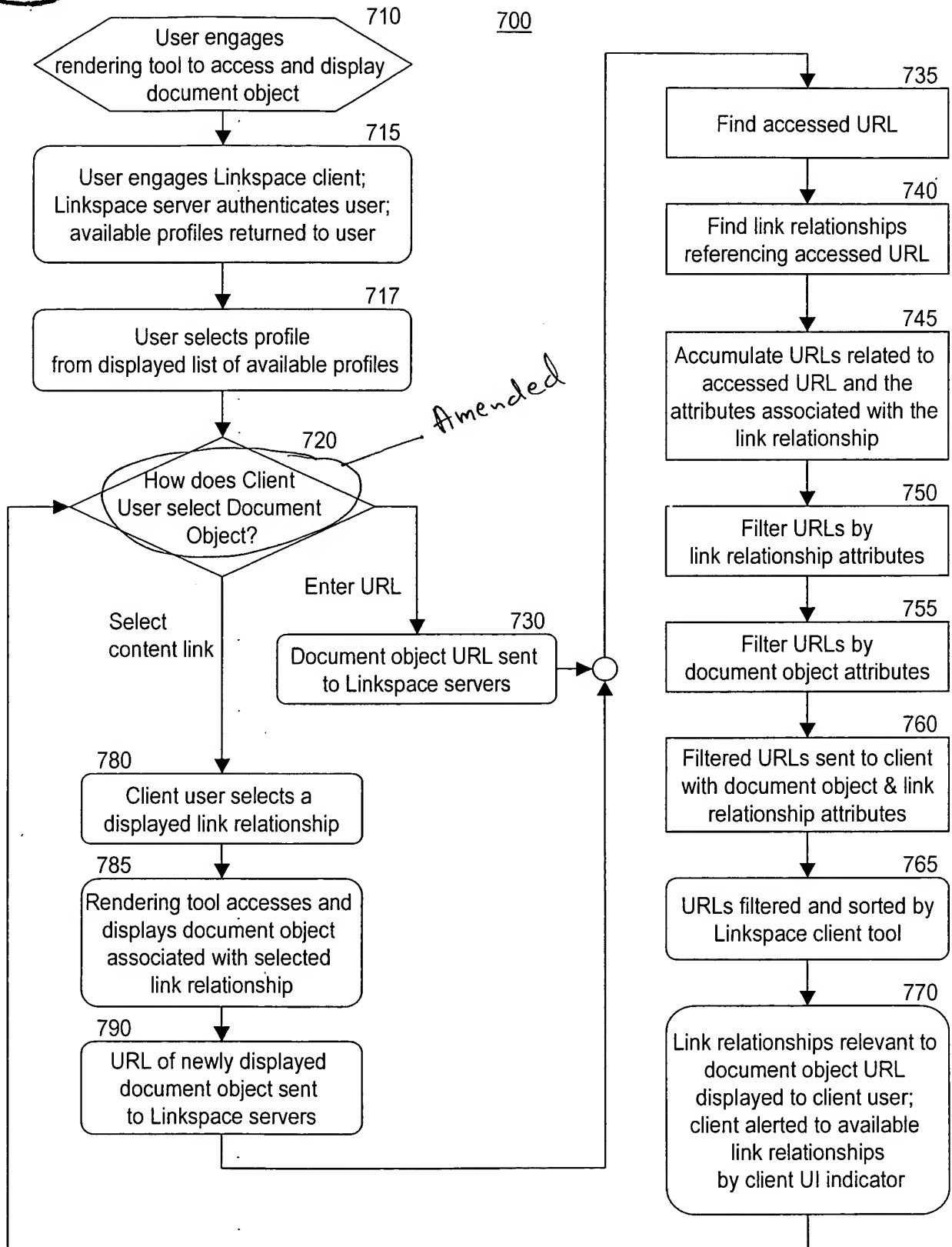


Fig. 7



Fig. 9

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Amended

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Relate Links

Select Community of Interest: Wireless Washington

Link From: [http://ask.linkspace.net/web/user_lo...]

Link To: [C:\My Documents\Linkspace\Graphi...]

Link in one direction only: ☐

Title: Coffee and Dessert after dinner?

Attribute: Food

Value: Specialty Foods

Activities and E...: Community Events

Attractions: Monuments

Shopping: Services

Banking: Banking

Link RelationShip/Attributes: Food <-> City

Theater: Theater

Location: 12345 Main Street

City: Mclean

Zip: 22101

Delete

Submit

Cancel

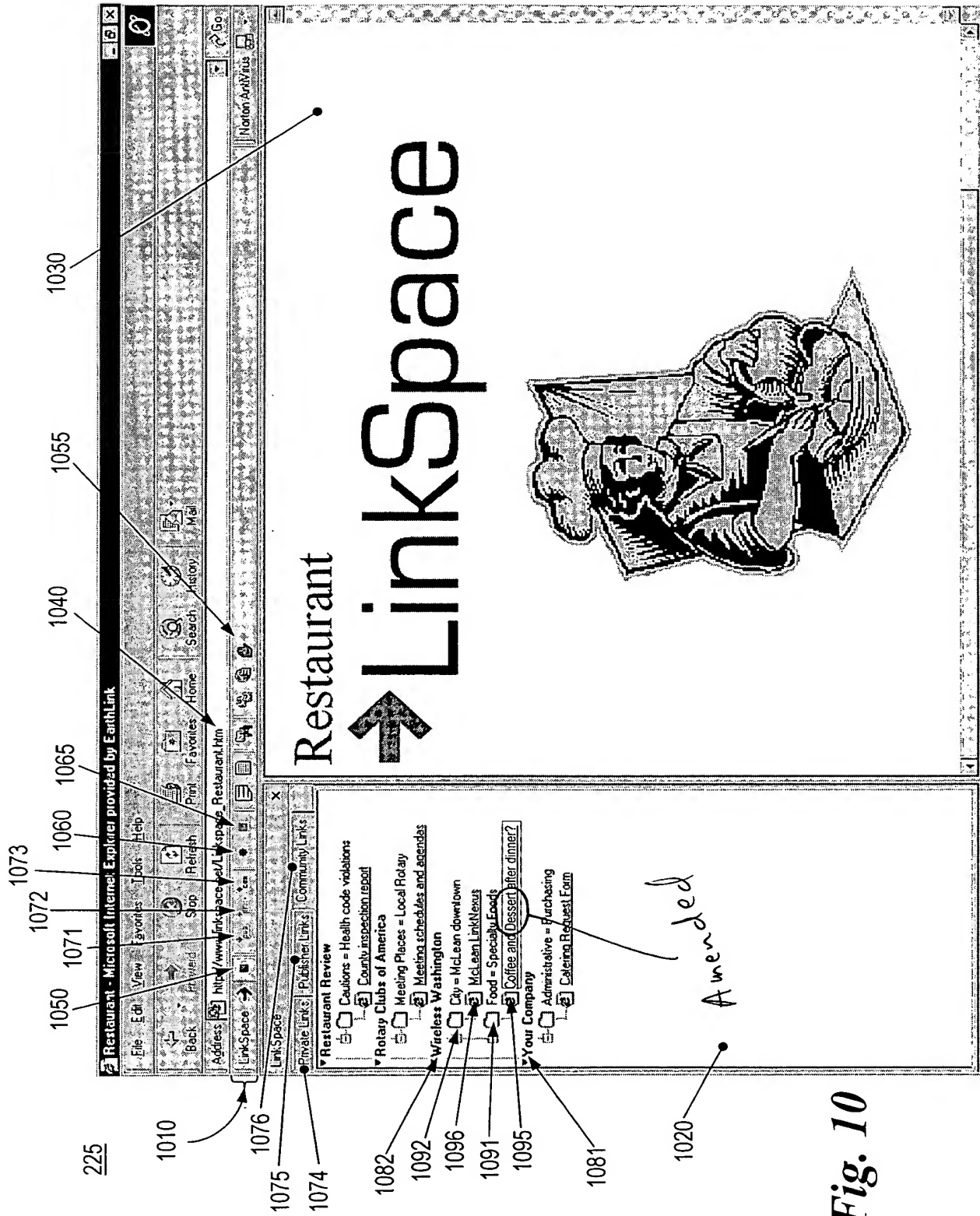


Fig. 10

